

## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp          |
|-------|------|---|---|------------------|---------|---------------------|
| S1    | 1    | 10/583048   | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/11/13<br>08:36 |
| S2    | 0    | ca?3mg?3  | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/11/13<br>08:36 |
| S3    | 0    | ca?6mg?6  | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/11/13<br>08:37 |
| S4    | 5609 | ca\$6mg\$6  | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/11/13<br>08:37 |
| S5    | 84   | ca\$6mg\$6 same sand  | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/11/13<br>08:37 |
| S6    | 1    | ca\$6mg\$6 same flow\$3<br>near2 agent                      | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/11/13<br>08:38 |
| S7    | 1    | ca\$6mg\$6 same ( powder<br>\$3) and flow\$3 near2<br>agent | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/11/13<br>08:38 |
| S8    | 60   | ca\$6mg\$6 and flow\$3<br>near2 agent                       | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/11/13<br>08:38 |
| S9    | 1    | ca\$6mg\$6 with perlite                                     | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/11/13<br>08:39 |

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| S10 | 232  | ca\$6mg\$6 with lime  | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/13<br>08:39 |
| S11 | 54   | ca\$6mg\$6 with lime and sand   | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/13<br>08:39 |
| S12 | 1    | ca\$6mg\$6 with lime with slake\$3 and sand   | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/13<br>08:40 |
| S13 | 16   | ca\$6mg\$6 with lime with slake\$3  | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/13<br>08:41 |
| S14 | 1617 | powder\$3 with lime with slake\$3   | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/13<br>08:42 |
| S15 | 176  | powder\$3 with lime with slake\$3 with( size or diameter)   | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/13<br>08:42 |
| S16 | 410  | powder\$3 with lime with slak\$3 same ( sand or perlite or diatomaceous or silica)  | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/13<br>08:45 |
| S17 | 495  | powder\$3 with lime with (slak\$3 or hydrated ) same ( sand or perlite or diatomaceous or silica)                         | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/13<br>08:45 |
| S18 | 208  | powder\$3 with lime with (slak\$3 or hydrated ) same ( sand or perlite or diatomaceous or silica) and ( diameter or size) | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/13<br>08:58 |
| S19 | 5    | calco-magnesian   | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/13<br>08:59 |

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| S20 | 2  | "5422092".pn.   | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/13<br>09:04 |
| S21 | 2  | "6592834".pn.   | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/13<br>09:07 |
| S22 | 2  | "5277837".pn.   | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/13<br>09:08 |
| S23 | 0  | ("2006/0275203").URPN.  | USPAT   | OR | ON | 2008/11/13<br>09:11 |
| S24 | 68 | gambin.in.  | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/13<br>09:13 |
| S25 | 2  | gambin.in. and sand and<br>lime                                   | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/13<br>09:13 |
| S26 | 5  | gambin.in. and lime   | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/13<br>09:13 |
| S27 | 5  | gambin.in. and sand   | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/13<br>09:15 |
| S28 | 4  | laudet.in. and sand   | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/13<br>09:15 |
| S29 | 6  | S24 and ( sand or perlite<br>or diatomaceous or silica)           | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/13<br>09:16 |
| S30 | 9  | laudet.in. and ( sand or<br>perlite or diatomaceous or<br>silica) | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/13<br>09:17 |

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| S31 | 0     | francoisse.in. and ( sand or perlite or diatomaceous or silica)                           | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/13<br>09:18 |
| S32 | 0     | francoisse.in.  | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/13<br>09:18 |
| S33 | 650   | flow adj agent with ( sand or perlite or diatomaceous or silica)                          | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/13<br>09:19 |
| S34 | 36    | flow adj agent with ( sand or perlite or diatomaceous or silica) and lime                 | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/13<br>09:19 |
| S35 | 1     | calco\$1magnesian same flow adj agent with ( sand or perlite or diatomaceous or silica)   | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/13<br>09:30 |
| S36 | 1     | calco\$1magnesian and flow adj agent with ( sand or perlite or diatomaceous or silica)    | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/13<br>09:30 |
| S37 | 2     | calco\$1magnesian and ( sand or perlite or diatomaceous or silica)                        | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/13<br>09:30 |
| S38 | 1     | calco\$1magnesian and flow adj agent  | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/13<br>09:31 |
| S39 | 22945 | (calcium and magnesium ) with hydroxide and ( sand or perlite or diatomaceous or silica)  | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/13<br>09:32 |
| S40 | 8417  | (calcium and magnesium ) with hydroxide same ( sand or perlite or diatomaceous or silica) | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/13<br>09:32 |

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| S41 | 8273   | (calcium with magnesium )<br>with hydroxide same<br>( sand or perlite or<br>diatomaceous or silica)                        | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/13<br>09:32 |
| S42 | 932279 | (calcium with magnesium )<br>with hydroxide same flow<br>adj agent ( sand or perlite<br>or diatomaceous or silica)         | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/13<br>09:32 |
| S43 | 0      | (calcium with magnesium )<br>with hydroxide same flow<br>adj agent same ( sand or<br>perlite or diatomaceous or<br>silica) | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/13<br>09:32 |
| S44 | 21     | (calcium with magnesium )<br>with hydroxide and flow<br>adj agent same ( sand or<br>perlite or diatomaceous or<br>silica)  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/13<br>09:32 |
| S45 | 14049  | ca\$3ma\$4o\$4   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/13<br>09:37 |
| S46 | 162    | ca\$3mg\$4o\$4 same ( sand<br>or perlite or diatomaceous<br>or silica)   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/13<br>09:37 |
| S47 | 0      | lime with powder\$3 same<br>flow\$3 with( agent or<br>additive)  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/13<br>09:44 |
| S48 | 94     | lime with powder\$3 same<br>flow\$3 with( agent or<br>additive)  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/13<br>09:44 |
| S49 | 31     | flow adj ( agent or<br>additive) with ( silica or<br>perlite) with ( size or<br>diameter)                                  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/13<br>09:49 |
| S50 | 137    | flow adj ( agent or<br>additive) with ( silica or<br>perlite) and ( silica or<br>perlite) with ( size or<br>diameter)      | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/13<br>09:54 |

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| S51 | 20   | flow adj ( agent or additive) with ( silica or perlite) with powder and ( silica or perlite) with ( size or diameter)                                | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/13<br>09:57 |
| S52 | 31   | flow adj ( agent or additive) with ( size or diameter) with (better benefit\$3 increase increased decrease decreased improv\$5 enhance\$3 prefer\$3) | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/13<br>10:02 |
| S53 | 9    | flow adj ( agent or additive) with vermiculite   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/13<br>10:04 |
| S54 | 1832 | silica with ( size or diameter) with flow\$6   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/13<br>10:12 |
| S55 | 197  | silica with ( size or diameter) with flowability   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/13<br>10:12 |
| S56 | 0    | silica with ( size or diameter) with flowability with mineral  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/13<br>10:16 |
| S57 | 0    | silica with ( size or diameter) with flowability with lime   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/13<br>10:16 |
| S58 | 197  | silica with ( size or diameter) with flowability   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/13<br>10:16 |
| S59 | 67   | silica with ( size or diameter) with flowability same powder\$3  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/13<br>10:16 |
| S60 | 2758 | (flowability or flow adj ( agent or additive)) with ( sand or perlite or diatomaceous or silica)   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/13<br>10:23 |

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| S61 | 1       | (flowability or flow adj ( agent or additive)) with ( sand and perlite and diatomaceous and silica) | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/13<br>10:23 |
| S62 | 341     | (flowability or flow adj ( agent or additive)) with ( sand )  | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/13<br>10:24 |
| S63 | 16      | (flowability or flow adj ( agent or additive)) with ( sand ) with size                              | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/13<br>10:24 |
| S64 | 126     | slak\$3 with lime same sand and sand same ( size or diameter)                                       | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/01/18<br>18:00 |
| S65 | 81      | slak\$3 with lime same sand and sand with ( size or diameter)                                       | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/01/18<br>18:00 |
| S66 | 611     | slaked adj lime same sand   | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/06<br>14:41 |
| S67 | 468     | slaked adj lime with sand   | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/06<br>14:41 |
| S68 | 87      | slaked adj lime with sand with ( amount or weight or content or percent\$3)                         | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/06<br>14:42 |
| S69 | 1348723 | slaked adj limewith powder  | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/06<br>14:43 |
| S70 | 378881  | S69 and flow\$3 adent   | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/06<br>14:43 |

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| S71 | 3145 | S69 and flow\$3 adj agent   | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/06<br>14:43 |
| S72 | 84   | S69 and flow\$3 adj agent<br>same ( sand or perlite or<br>vermiculite or attapulgitite)   | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/06<br>14:44 |
| S73 | 1301 | slaked adj lime with<br>powder  | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/06<br>14:44 |
| S74 | 0    | S73 and flow\$3 adj agent<br>same ( sand or perlite or<br>vermiculite or attapulgitite)   | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/06<br>14:45 |
| S75 | 0    | S73 and flow\$3 adj agent<br>same ( sand or perlite or<br>vermiculite or attapulgitite)   | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/06<br>14:45 |
| S76 | 261  | S73 and ( sand or perlite<br>or vermiculite or<br>attapulgitite)                          | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/06<br>14:46 |
| S77 | 200  | S73 same ( sand or perlite<br>or vermiculite or<br>attapulgitite)                         | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/06<br>14:46 |
| S78 | 35   | S77 and ( size or diameter)<br>with ( sand or perlite or<br>vermiculite or attapulgitite) | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/06<br>14:46 |
| S79 | 195  | kunio and lime  | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/06<br>14:48 |
| S80 | 40   | kunio and slaked adj lime   | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/06<br>14:48 |

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| S81 | 2197 | C01F011/02.ipc.<br>B01J008/24.ipc.<br>F26B003/08.ipc.  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/06<br>14:53 |
| S82 | 8    | S81 and lime same sand   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/06<br>14:54 |
| S83 | 59   | 423/243.05.cds.  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/02/06<br>14:55 |
| S84 | 606  | (lime or cao) same sand<br>with ( size or diameter)  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/08/02<br>11:10 |
| S85 | 13   | flow\$2 adj agent same<br>sand with ( size or<br>diameter)   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/08/02<br>11:20 |
| S86 | 620  | slaked adj lime same sand  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/08/05<br>10:10 |
| S87 | 157  | slaked adj lime same sand<br>same powder\$3  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/08/05<br>10:11 |
| S88 | 26   | slaked adj lime same sand<br>same powder\$3 and sand<br>with( size or diameter)  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/08/05<br>10:11 |
| S89 | 4    | (slaked adj lime or<br>limestone or lime) same<br>attapulgit same powder\$3<br>and attapulgit with( size<br>or diameter)       | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/08/05<br>10:23 |
| S90 | 0    | (slaked adj lime or<br>limestone or lime) and<br>attapulgit same fluid adj<br>agent and attapulgit with<br>( size or diameter) | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/08/05<br>10:27 |

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| S91  | 0      | attapulgit same fluid adj agent and attapulgit with ( size or diameter)                         | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR | ON | 2009/08/05<br>10:27 |
| S92  | 5      | attapulgit same fluid adj agent   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR | ON | 2009/08/05<br>10:27 |
| S93  | 6      | attapulgit same fluid adj agent   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/08/05<br>10:28 |
| S94  | 142    | attapulgit same calcium adj hydroxide   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/08/05<br>10:28 |
| S95  | 21     | attapulgit same calcium adj hydroxide same powder   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/08/05<br>10:29 |
| S96  | 85     | (slaked adj lime or limestone or lime) same vermiculite and vermiculite with( size or diameter) | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR | ON | 2009/08/05<br>10:34 |
| S97  | 789253 | lime sm perlite and perlite with( diameter or size)   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR | ON | 2009/08/05<br>10:45 |
| S98  | 99     | lime same perlite and perlite with( diameter or size)   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR | ON | 2009/08/05<br>10:46 |
| S99  | 0      | attapulgit same slaked and attapulgit with ( size or diameter)                                  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR | ON | 2009/08/08<br>22:51 |
| S100 | 17     | attapulgit same slaked  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR | ON | 2009/08/08<br>22:51 |

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|------|-------|---|---|----|----|---------------------|
| SI01 | 2129  | attapulgit same calcium<br>adj carbonate  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/08/08<br>22:52 |
| SI02 | 38    | attapulgit same calcium<br>adj carbonate and<br>attapulgit with ( size or<br>diameter)  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/08/08<br>22:52 |
| SI03 | 4     | calcic same ( sand or silica<br>or sio2 or "sio.sub.2" or<br>vermiculite or perlite or<br>diatomaceous ) with ( size<br>or diameter)  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/08/09<br>16:52 |
| SI04 | 48280 | ( cao or ca(oh)"2" or<br>calcium adj ( oxide or<br>hydroxide) or ca(oh)".<br>sub.2" ) same ( sand or<br>silica or sio2 or "sio.sub.2"<br>or vermiculite or perlite or<br>diatomaceous ) with ( size<br>or diameter) | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/08/09<br>16:55 |
| SI05 | 3241  | ( cao or calcium adj ( oxide<br>or hydroxide) ) same<br>( sand or silica or sio2 or<br>"sio.sub.2" or vermiculite<br>or perlite or<br>diatomaceous ) with ( size<br>or diameter)                                    | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/08/09<br>16:55 |
| SI06 | 889   | ( cao or calcium adj ( oxide<br>or hydroxide) ) same<br>( sand or silica or sio2 or<br>"sio.sub.2" or vermiculite<br>or perlite or<br>diatomaceous ) with ( size<br>or diameter) same powder<br>\$3                 | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/08/09<br>16:56 |
| SI07 | 35    | ( cao or calcium adj ( oxide<br>or hydroxide) ) same<br>( vermiculite or perlite or<br>diatomaceous ) with ( size<br>or diameter) same powder<br>\$3  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/08/09<br>16:57 |
| SI08 | 288   | ( cao or calcium adj<br>( carbonate or hydroxide) )<br>same ( vermiculite or<br>perlite or diatomaceous )<br>with ( size or diameter)<br>same powder\$3   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/08/09<br>16:58 |

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| S109 | 300 | ( caco3 or calcium adj ( carbonate or hydroxide) ) same ( vermiculite or perlite or diatomaceous ) with ( size or diameter) same powder\$3   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/08/09<br>16:59 |
| S110 | 1   | "5173279" and perlite  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/08/09<br>17:21 |
| S111 | 195 | ( calcium adj ( carbonate or hydroxide) ) and ( perlite or vermiculite or diatomaceous ) with ( size or diameter) with( contnet or amount or weight)   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/08/09<br>17:23 |
| S112 | 203 | ( calcium adj ( carbonate or hydroxide) ) and ( perlite or vermiculite or diatomaceous ) with ( size or diameter) with( content or amount or weight)   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/08/09<br>17:23 |
| S113 | 56  | ( calcium adj ( carbonate or hydroxide) ) and ( perlite ) with ( size or diameter) with( content or amount or weight)  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/08/09<br>17:46 |
| S114 | 151 | ( calcium adj ( carbonate or hydroxide) ) and ( attapulgite or clay ) with ( size or diameter) with ( content or amount or weight) and ( attapulgite or clay with attapulgite )                | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/08/09<br>17:59 |
| S115 | 0   | powder43 same ( calcium adj ( carbonate or hydroxide) ) and ( attapulgite or clay ) with ( size or diameter) with ( content or amount or weight) and ( attapulgite or clay with attapulgite )  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/08/09<br>17:59 |
| S116 | 58  | powder\$3 same ( calcium adj ( carbonate or hydroxide) ) and ( attapulgite or clay ) with ( size or diameter) with ( content or amount or weight) and ( attapulgite or clay with attapulgite ) | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/08/09<br>17:59 |

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| S117 | 36  | powder\$3 same ( calcium<br>adj ( carbonate or<br>hydroxide) ) and<br>( attapulgitite ) with ( size<br>or diameter) with( content<br>or amount or weight) and<br>( attapulgitite )                                 | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR | ON | 2009/08/09<br>18:00 |
| S118 | 21  | powder\$3 same ( calcium<br>adj ( carbonate or<br>hydroxide) ) and ( clay )<br>with ( size or diameter)<br>with( content or amount or<br>weight) and clay same<br>( attapulgitite )                                | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR | ON | 2009/08/09<br>18:14 |
| S119 | 31  | powder\$3 same ( calcium<br>adj ( carbonate or<br>hydroxide) or caco3 or ca<br>(oh).sub.2" ) and ( clay )<br>with ( size or diameter)<br>with( content or amount or<br>weight) and clay same<br>( attapulgitite )  | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR | ON | 2009/08/09<br>18:26 |
| S120 | 10  | S119 not S118  | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR | ON | 2009/08/09<br>18:26 |
| S121 | 22  | powder\$3 same ( calcium<br>adj ( carbonate or<br>hydroxide) or caco3 or "ca<br>(oh).sub.2" ) and ( clay )<br>with ( size or diameter)<br>with( content or amount or<br>weight) and clay same<br>( attapulgitite ) | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR | ON | 2009/08/09<br>18:30 |
| S122 | 35  | powder\$3 same ( calcium<br>adj ( carbonate or<br>hydroxide) or caco3 or "ca<br>(oh).sub.2" ) and ( clay )<br>with ( size or diameter)<br>with( content or amount or<br>weight) and clay same<br>( attapulgitite ) | US-PGRUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/08/09<br>18:30 |
| S123 | 121 | ( calcium adj ( carbonate<br>or hydroxide) or caco3 or<br>"ca(oh).sub.2" ) and<br>( clay ) with ( size or<br>diameter) with( content or<br>amount or weight) and<br>clay same ( attapulgitite )                    | US-PGRUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/08/09<br>18:38 |

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| S124 | 76   | ( calcite or limestone ) and ( clay ) with ( size or diameter) with( content or amount or weight) and clay same ( attapulgite ) | US-PGRUB;<br>USPAT; USOCR;<br>FPFS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/08/09<br>19:11 |
| S125 | 123  | ( calcium adj ( carbonate ) or caco3 ) and diatomaceous with ( size or diameter) with( content or amount or weight)             | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR | ON | 2009/08/09<br>20:45 |
| S126 | 0    | limestone and diatomaceous with ( size or diameter) with( content or amount or weight)  | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR | ON | 2009/08/09<br>20:47 |
| S127 | 22   | limestone and diatomaceous with ( size or diameter) with( content or amount or weight)  | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR | ON | 2009/08/09<br>20:47 |
| S128 | 5    | calcite and diatomaceous with ( size or diameter) with( content or amount or weight)  | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR | ON | 2009/08/09<br>20:54 |
| S129 | 8    | slaked adj lime and diatomaceous with ( size or diameter) with( content or amount or weight)                                    | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR | ON | 2009/08/09<br>20:55 |
| S130 | 466  | diatomaceous with ( size or diameter) with( content or amount or weight)  | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR | ON | 2009/08/09<br>20:59 |
| S131 | 2397 | diatomaceous with ( size or diameter)   | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR | ON | 2009/08/09<br>20:59 |
| S132 | 5    | diatomaceous with ( size or diameter) and ( lime adj stone)   | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR | ON | 2009/08/09<br>21:00 |
| S133 | 87   | diatomaceous with ( size or diameter) and ( limestone)  | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR | ON | 2009/08/09<br>21:00 |

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| S134 | 4   | celite with ( size or diameter) and ( limestone)                                     | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/08/09<br>21:08 |
| S135 | 299 | celite with ( size or diameter)  | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/08/09<br>21:09 |
| S136 | 42  | celite with ( size or diameter) and calcium adj carbonate                            | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/08/09<br>21:09 |
| S137 | 2   | "52018728"   | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/08/10<br>10:19 |
| S138 | 2   | "55090555"   | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/08/10<br>10:28 |
| S139 | 2   | "4781759".pn.  | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/08/10<br>10:34 |
| S140 | 25  | absorbent same ( sand and perlite and vermiculite and attapulgite)                   | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/08/10<br>10:40 |
| S141 | 62  | clay with ( diatomaceous adj earth and perlite and vermiculite and attapulgite)      | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/08/10<br>10:41 |
| S142 | 24  | absorbent with ( diatomaceous adj earth and perlite and vermiculite and attapulgite) | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/08/10<br>10:42 |
| S143 | 3   | "4051056".pn.  | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/08/10<br>10:57 |

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| S144 | 16   | expanded adj vermiculite with absorbent  | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/08/10<br>11:10 |
| S145 | 1    | vermiculite with( size or diameter) and lime adj stone                               | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/08/10<br>12:01 |
| S146 | 54   | vermiculite with( size or diameter) and limestone                                    | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/08/10<br>12:03 |
| S147 | 2    | "4781759".pn.  | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/08/10<br>12:11 |
| S148 | 7    | ("2597457"   "3921581"   "4108669"   "4243415"   "4430242").PN. OR ("4781759").URPN. | US-PGRUB;<br>USPAT; USOCR                               | OR | ON | 2009/08/10<br>12:11 |
| S149 | 0    | S148 and perlite   | US-PGRUB;<br>USPAT; USOCR                               | OR | ON | 2009/08/10<br>12:13 |
| S150 | 1    | S148 and vermiculite   | US-PGRUB;<br>USPAT; USOCR                               | OR | ON | 2009/08/10<br>12:14 |
| S151 | 17   | vermiculite with( size or diameter) and calcite                                      | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/08/10<br>12:19 |
| S152 | 263  | filler with( size or diameter) and limestone and vermiculite                         | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/08/10<br>12:20 |
| S153 | 205  | filler with( size or diameter) and limestone same vermiculite                        | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/08/10<br>12:21 |
| S154 | 166  | filler with( size or diameter) and limestone same vermiculite same filler            | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/08/10<br>12:21 |
| S155 | 1438 | vermiculite with( size or diameter) anddolomite                                      | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/08/10<br>12:26 |

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| S156 | 44   | vermiculite with( size or diameter) and dolomite   | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/08/10<br>12:26 |
| S157 | 0    | "4781759.pn.e"   | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/08/10<br>13:02 |
| S158 | 0    | "4781759.pn."  | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/08/10<br>13:02 |
| S159 | 2    | "4781759".pn.  | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/01/13<br>15:44 |
| S160 | 7    | ("2597457"   "3921581"  <br>"4108669"   "4243415"  <br>"4430242").PN. OR<br>("4781759").URPN.  | US-PGRUB;<br>USPAT; USOCR                               | OR | ON | 2010/01/13<br>15:46 |
| S161 | 391  | limestone with ( size or<br>diameter) and sand with<br>( size or diameter)   | US-PGRUB;<br>USPAT; USOCR                               | OR | ON | 2010/01/13<br>15:48 |
| S162 | 271  | limestone with ( size or<br>diameter) same sand with<br>( size or diameter)  | US-PGRUB;<br>USPAT; USOCR                               | OR | ON | 2010/01/13<br>15:48 |
| S163 | 1    | 09/051082  | US-PGRUB;<br>USPAT; USOCR                               | OR | ON | 2010/01/13<br>15:54 |
| S164 | 14   | ("2784062"   "2894820"  <br>"3366450"   "4042352"  <br>"4623523"   "4666690"  <br>"5223239"   "5306475"  <br>"5310498"   "5330572"  <br>"5492685").PN. OR<br>("6322769").URPN. | US-PGRUB;<br>USPAT; USOCR                               | OR | ON | 2010/01/13<br>15:56 |
| S165 | 1    | 10/583048  | US-PGRUB;<br>USPAT; USOCR                               | OR | ON | 2010/01/13<br>16:19 |
| S166 | 1    | 10/583048 and attapulgite  | US-PGRUB;<br>USPAT; USOCR                               | OR | ON | 2010/01/13<br>16:19 |
| S167 | 3    | "4051056".pn.  | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/06/16<br>10:33 |
| S168 | 4272 | calcium adj hydroxide<br>same silica   | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2011/05/06<br>16:05 |

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| S169 | 885 | calcium adj hydroxide<br>same silica and silica with<br>( size or diameter)                      | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR | ON | 2011/05/06<br>16:06 |
| S170 | 601 | calcium adj hydroxide<br>same silica and silica with<br>( size or diameter) and<br>powder        | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR | ON | 2011/05/06<br>16:06 |
| S171 | 181 | powder same calcium adj<br>hydroxide same silica and<br>silica with ( size or<br>diameter)       | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR | ON | 2011/05/06<br>16:06 |
| S172 | 28  | calcium adj hydroxide<br>same silica and silica with<br>( size or diameter) and<br>powder\$3.ti. | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR | ON | 2011/05/06<br>16:27 |
| S173 | 170 | calcium adj hydroxide with<br>( size or diameter) and<br>silica with ( size or<br>diameter)      | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR | ON | 2011/05/06<br>20:51 |
| S174 | 191 | calcium adj hydroxide with<br>( size or diameter) and<br>silica with ( size or<br>diameter)      | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2011/05/06<br>20:51 |
| S175 | 2   | us-20030039836-\$.did.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2011/05/06<br>21:09 |
| S176 | 3   | *4051056".pn.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2011/05/06<br>21:10 |
| S177 | 7   | calcium adj hydroxide with<br>( size or diameter) and<br>perlite with ( size or<br>diameter)     | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2011/05/06<br>21:19 |
| S178 | 5   | calcium adj hydroxide with<br>( size or diameter) and<br>vermiculite with ( size or<br>diameter) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2011/05/06<br>21:24 |

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| S179 | 626    | slaked with lime with<br>( diameter or size)  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR | ON | 2011/05/16<br>09:28 |
| S180 | 626    | slaked with lime with<br>( diameter or size)  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR | ON | 2011/05/16<br>09:28 |
| S181 | 815971 | slaked with lime with<br>( diameter or size) and "9"<br>silica or sand with ( size<br>or diameter)                              | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR | ON | 2011/05/16<br>10:15 |
| S182 | 106    | slaked with lime with<br>( diameter or size) and<br>( silica or sand) with ( size<br>or diameter)                               | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR | ON | 2011/05/16<br>10:15 |
| S183 | 93     | slaked with lime with<br>( diameter or size) and<br>( vermiculite perlite or<br>earth or sand) with ( size<br>or diameter)      | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR | ON | 2011/05/16<br>10:20 |
| S184 | 16     | slaked with lime with<br>( diameter or size) and<br>( vermiculite perlite or<br>earth or sand) with ( size<br>or diameter)      | USOCR   | OR | ON | 2011/05/16<br>12:08 |
| S185 | 2      | slaked with quicklime with<br>( diameter or size) and<br>( vermiculite perlite or<br>earth or sand) with ( size<br>or diameter) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2011/05/16<br>12:09 |
| S186 | 442    | slaked with lime same<br>( diameter or size) and<br>( vermiculite perlite or<br>earth or sand) same ( size<br>or diameter)      | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2011/05/16<br>12:10 |
| S187 | 2      | "6672798".pn.   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR | ON | 2011/05/22<br>17:07 |
| S188 | 2      | "6572798".pn.   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR | ON | 2011/05/22<br>17:07 |

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| S189 | 2 | "6572698".pn. | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2011/05/22<br>17:08 |
| S190 | 2 | "6572698".pn. | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2011/05/23<br>08:09 |

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